

ABSTRACT OF THE DISCLOSURE

A color chart is printed by each of multiple printers A, B, C based on the same color chart data. The printed color charts (401) are then measured using a colorimeter (110) to acquire color measurement data DA, DB, DC corresponding respectively to printers A, B, C. A profile generator (100a) then generates a profile using this color measurement data DA, DB, DC by applying an averaging operation to the color measurement data DA, DB, DC to generate average color measurement data Davg. The color measurement data DA, DB, DC and average color measurement data Davg are then displayed for evaluation by the operator, who determines whether reprinting the color chart is necessary. If reprinting is not necessary, a common profile (405) describing color reproduction by the printers A, B, C is generated based on the average color measurement data Davg. The resulting common profile is then used for color correction of image data to be used for printing in a prepress printing system comprising the printers A, B, C.